

CLAIMS

Please amend the claims as follows:

1. (amended) A method of remote control of a remotely managed data processing system including a service processor and a separate main processor, said method comprising:

prior to initiation of execution of power-on self-test (POST) code by a main processor of a remotely managed data processing system:

executing, on a service processor separate from the independent of a main processor within a remotely managed data processing system, initiating execution of a remote control application; and

the remote control application establishing communication over a network connection with a remote console;

thereafter, initiating execution of POST code by the main processor; and

wherein the remote control application enabling remote control of the remotely managed data processing system upon initiation of execution of said POST code, said enabling remote control including:

gets getting video data from the video hardware within the remotely managed system;

transmits transmitting the video data to the a remote console over the a network connection-coupling the remotely controlled system to the remote console;

receives receiving keyboard/mouse signals from the remote console over the network connection; and

forces forcing the received keyboard/mouse signals into a keyboard/mouse controller within the remotely managed system as if the received keyboard/mouse signals had originated with locally attached peripherals.

2. (amended) The method of claim 1, wherein establishing communication the step of executing a remote control application further comprises:

utilizing the remote control application communicating to communicate with the remote console utilizing a TCP/IP network connection.

3. (amended) The method of claim 1, wherein establishing communication ~~the step of executing a remote control application~~ further comprises:

~~utilizing~~ the remote control application ~~serving to serve~~ to the remote console a Java applet for displaying the video data and capturing the keyboard/mouse signals, wherein the remotely managed system may be remotely controlled utilizing a browser executing within the remote console.

4. (amended) The method of claim 1, wherein initiating execution of the remote control application ~~the step of executing a remote control application~~ further comprises:

~~utilizing a executing the~~ remote control application ~~which executes~~ independently of the operating system ~~loaded or executed~~ on the main processor within the remotely managed system.

5. (canceled)

6. (amended) The method of claim 1, wherein enabling ~~the step of executing a remote control application~~ further comprises:

~~utilizing the remote control application executing on the service processor to provide~~ enabling remote control capability to the remote console from power on self test ~~of for~~ the main processor continuously through operating system load for the main processor and beyond.

7. (amended) The method of claim 1, and further comprising ~~wherein the step of executing a remote control application further comprises:~~

~~utilizing the remote control application executing on the service processor to provide~~ providing a single user interface for remote control by the remote console from power on self test ~~of for~~ the main processor continuously through operating system load for the main processor and beyond.

8. (amended) A remotely managed data processing system ~~permitting for~~ remote control ~~from a remote console, said remotely managed data processing system~~ comprising:

~~a remote console;~~

~~a network connection coupling the remote console to a remotely managed data processing system; and~~

~~a main processor;~~

~~a service processor separate from the independent of a main processor within the remotely managed data processing system; and~~

~~the service processor executing data storage including a remote control application executable by said service processor;~~

wherein said service processor, prior to initiation of execution of power-on self-test (POST) code by a main processor of a remotely managed data processing system, initiates execution of the remote control application and establishes communication over a network connection with the remote console; and [.]

wherein the remote control application, upon initiation of execution of POST code by the main processor, enables remote control of the remotely managed data processing system from the remote console by:

gets getting video data from the video hardware within the remotely managed system;

transmits transmitting the video data to the remote console over the network connection;

receives receiving keyboard/mouse signals from the remote console over the network connection; and

forces forcing the received keyboard/mouse signals into a keyboard/mouse controller within the remotely managed system as if the received keyboard/mouse signals had originated with locally attached peripherals.

9. (original) The system of claim 8, wherein the remote control application communicates with the remote console utilizing a TCP/IP network connection.

10. (original) The system of claim 8, wherein the remote control application serves to the remote console a Java applet for displaying the video data and capturing the keyboard/mouse signals, wherein the remotely managed system may be remotely controlled utilizing a browser executing within the remote console.

11. (amended) The system of claim 8, wherein the remote control application executes independently of the operating system loaded or executed on the main processor within the remotely managed system.

12. (canceled)

13. (original) The system of claim 8, wherein the remote control application executing on the service processor provides remote control capability to the remote console from power on self test for the main processor continuously through operating system load for the main processor and beyond.

14. (original) The system of claim 8, wherein the remote control application executing on the service processor provides a single user interface for remote control by the remote console from power on self test for the main processor continuously through operating system load for the main processor and beyond.

15. (amended) A computer program product within a computer usable medium for remote control of a remotely managed data processing system from a remote console, said computer program product comprising a computer usable medium and [[:]] a remote control application executable executing on a service processor of the remotely managed system separate from independent of a main processor within the a remotely managed data processing system, wherein, when executed by the service processor, the remote control application:

prior to initiation of execution of power-on self-test (POST) code by a main processor of a remotely managed data processing system, executes to establish communication over a network connection with a remote console;

from initiation of execution of POST code by the main processor enables remote control of the remotely managed data processing system by:

gets getting video data from the video hardware within the remotely managed system;

~~transmits~~ transmitting the video data to a remote console over a network connection coupling the remotely controlled system to the remote console;

receives receiving keyboard/mouse signals from the remote console over the network connection; and

forces forcing the received keyboard/mouse signals into a keyboard/mouse controller within the remotely managed system as if the received keyboard/mouse signals had originated with locally attached peripherals.

16. (amended) The computer program product of claim 15, wherein the remote control application further comprises:

instructions for communicating ~~utilizing the remote control application to communicate~~ with the remote console utilizing a TCP/IP network connection.

17. (amended) The computer program product of claim 15, wherein the remote control application further comprises:

instructions for serving ~~utilizing the remote control application to serve~~ to the remote console a Java applet for displaying the video data and capturing the keyboard/mouse signals, wherein the remotely managed system may be remotely controlled utilizing a browser executing within the remote console.

18. (amended) The computer program product of claim 15, wherein the remote control application further comprises:

~~instructions for utilizing a remote control application which~~ executes independently of the operating system loaded or executed on the main processor within the remotely managed system.

19. (canceled)

20. (amended) The computer program product of claim 15, wherein the remote control application further comprises:

~~instructions for utilizing the remote control application executing on the service processor~~  
to provides remote control capability to the remote console from power on self test for the main processor continuously through operating system load for the main processor and beyond.

21. (amended) The computer program product of claim 15, wherein the remote control application further comprises:

~~instructions for utilizing the remote control application executing on the service processor~~  
to provides a single user interface for remote control by the remote console from power on self test for the main processor continuously through operating system load for the main processor and beyond.